Unit 7 Lesson 2 HW   Name: _____

I. Solve for the missing side length. Round to the nearest tenth!

1.

2.

3.

4.

5.

6.

7.

8. Find KL
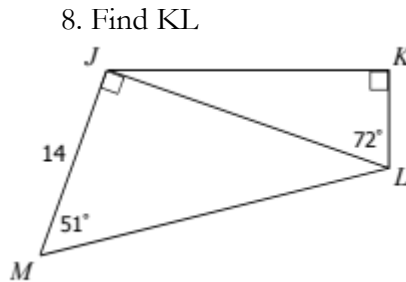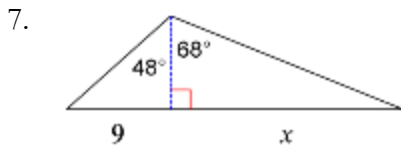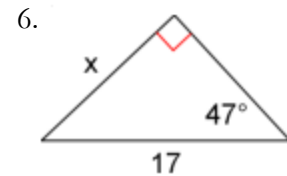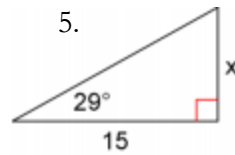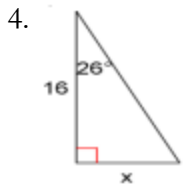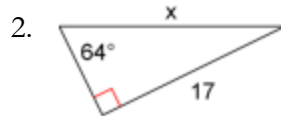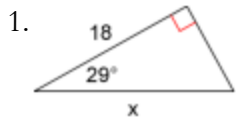
9. Find x, y and z

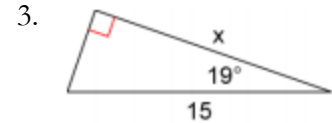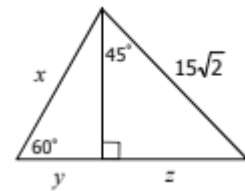10. A ramp is used to load suitcases on an airplane. If the cargo door is 7 feet from the ground and the angle formed by the end of the ramp and the ground is $25°$, how long is the ramp?

II. In $\triangle ABC$, which trigonometric ratio is represented for the given angle? Let angle C be a right angle.

12. $\frac{15}{8}$; $\angle A$

13. $\frac{8}{17}$; $\angle A$

14. $\frac{15}{17}$; $\angle A$

15. $\frac{8}{17}$; $\angle B$

16. $\frac{8}{15}$; $\angle B$

17. $\frac{15}{17}$; $\angle B$